

**Amendments to the Specification:**

Please replace the paragraph at page 6, lines 27-30, with the following amended paragraph:

In the prior art twisted-nematic liquid-crystal electro-optical device, the spacing between two substrates is roughly 8 mm. In the present invention, the spacing is approximately less than 5 mm, preferably less than 3.5 mm, and greater than 0 mm.

Please replace the paragraph at page 8, lines 6-12, with the following amended paragraph:

The graph of Fig. 4 shows the relation of the fall time of a liquid crystal to the surface tension of orienting layers. As can be seen from this graph, where the surface tension is greater than 40 dynes/cm, and less than 70 dyne/cm, the fall time is shorter than 3 milliseconds, thus giving rise to very quick response. The liquid crystal whose characteristics are shown in the graphs of Figs. 2-4 is ZLI-4792 manufactured by Merck Corp.